

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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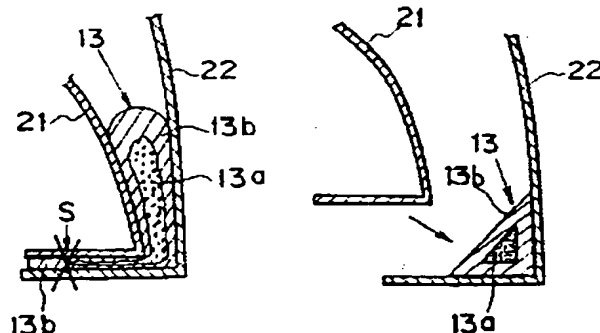
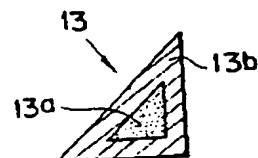
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TITLE : EXPANSIBLE SEALER



**ABSTRACT :** **PURPOSE:** To make it possible to use an expansible sealer everywhere, which is disposed at a predetermined position in the joined part between steel plates or the like, requiring a seal, and is expanded so as to seal the steel plates, by wrapping the outer surface of the unfoamed sealer with an unfoamable sealer having an elasticity.

**CONSTITUTION:** In for example, an expansible spot sealer 13, the outer surface of an unfoamed foamable sealer 13a is wrapped with an unfoamable sealer 13b having a uniform thickness so as to be integrally incorporated with each other, and the spot sealer 13 therefore has a right triangular shape and a long length. The spot sealer 13 is cut into a predetermined length when it is used. This sealer 13 is disposed in the joined part between a panel 21 and an outer plate panel 22 which are then welded together by spot-welding S, and after electrodepositing painting, when it is heated in a baking furnace, the foamable sealer 13a is foamed the outer unfoamable sealer 13b is stretched while maintaining the sealer 13a wrapping condition. Accordingly, the sealer 13 increases its volume as a whole so as to block a gap in the joined part. With the provision of the sealer 13b which can be hardly impregnated with water in the part making contact with the steel plates, it is possible to prevent the steel plate from rusting.

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